Mes & filo

SECRET

FILE INFO

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FM SSO DIA WASH DC

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DIAMC 15531 DEC 69 TOPSECRET OPCEN FOR

REFERENCES: A. DIAMC MSG CITE 14841, DTG 281812Z NOV 69.

P. DIAMC MSG CITE 15099 DTG 031937Z DEC 69.

THE FOLLOWING REPLY FROM NRO IS FORWARDED FOR YOUR INFORMATION:

THIS MSG IN FOUR PARTS. PART I. "THIS MSG CONTAINS THE FINAL

RESULTS OF THE STUDY REGARDING THE MC&G GAP PROBLEM AS REQUESTED IN

REFERENCE A ABOVE. THE DATA PRESENTED IS A REFINEMENT OF THAT DATA

PROVIDED IN REFERENCE B ABOVE, AND THEREFORE SUPERSEDES THE DATA IN

PEFERENCE B. PART II. THE FINAL RESULTS ARE AS FOLLOWS:

COVERAGE SATISFIED PERCENT OF AREA PERCENT FILM USED

AREA "B" AREA "A" (ANNIIALLY)

11.5 4.4 1

22.0 7.7 2

NRO and DIA review(s) completed.

Approved For Release 2003/09/30 FCIAFRDR 39B01709A000400030034-9

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5		15.5	42.5		
10		25.1	66.7		
15		34.5	84.5		
16		NO DATA	85.7		
17		NO DATA	85.8		
20		42.5	85.9		
\$21.9		NO DATA	85.9		
30		55.6	NO DA	ATA	
40		66.5	NO DA	ATA	
5 %		75.1	NO DA	ATA	
60		83.3	NO DA	ATA '	
70		86.5	NO DA	TA	
\$\$78.7		86.5	NO DA	TA	

- \$ MAXIMUM AMOUNT WHICH CAN BE EXPENDED IN AREA "B"
- \$\$ MAXIMUM AMOUNT WHICH CAN BE EXPENDED IN AREA "A"
- PART III. THE DATA HAS CHANGED FOR THE FOLLOWING REASONS:
- (1) THE SLIVERS AND PATCHES HAVE BEEN MORE ACCURATELY MEAUSRED
- AND NOW EQUAL 13,020 LINEAR NAUTICAL MILES IN AREA "A" AND 4,620
- LINEAR NAUTICAL MILES IN AREA "B". SINCE AREA "B" HAS BEEN REDUCED
- BY APPROXIMATELY 13 PERCENT, A GREATER PERCENTAGE OF SATISFACTION
- CAN BE ACHIEVED USING THE SAME AMOUNT OF FILM. (2) LESS FILM IS
- USED ON EACH CAMERA OPERATION THROUGH THE USE OF MORE PRECISE FILM
 CALCULATIONS BASED ON PAST MISSION TELEMETRY DATA. (3) CLIMATOLOGICAL

Approved For Release 2003/09/30: GHS-RDP79B01709A000400030034-9

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DATA USED REFLECTED BETTER WEATHER CONDITIONS THAN EXPECTED AND THIS RESULTED IN SOME IMPROVEMENT OF AREA SATISFACTION PERCENTAGES FOR EACH OF THE FILM PERCENTAGE INCREMENTS. PART IV. ALTHOUGH THESE FIGURES ARE CONSIDERED TO BE BETTER THAN THOSE PROVIDED IN REFERENCE B, THEY REMAIN APPROXIMATE FIGURES DUE PRIMARILY TO SPARSELY LOCATED WEATHER STATIONS AND INCOMPLETE CLOUD COVER STATISTICS IN THE AREAS UNDER STUDY."

GP-1

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